

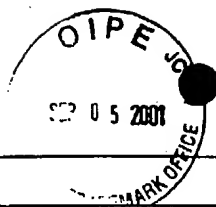


#4

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Docket Number: AM-00102.P.1.1	Patent Number: 09/805,296
	Applicant: Efimov et al.	
	Filing Date: March 13, 2001	Group Art Unit: 1651 / 1627

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	C L A S S	SUB- CLASS	FILING DATE IF APPROPRIATE
Tm	P1	5,432,272	7/11/95	Brenner			
	P2	5,508,178	4/16/96	Rose et al.			
	P3	5,539,082	7/23/96	Nielsen et al.			
	P4	5,641,625	6/24/97	Ecker et al.			
	P5	5,656,461	8/12/97	Demers			
	P6	5,714,331	2/3/98	Buchardt et al.			
	P7	5,719,262	2/17/98	Buchardt et al.			
	P8	5,736,336	4/7/98	Buchardt et al.			
	P9	5,766,855	6/16/98	Buchardt et al.			
	P10	5,773,571	6/30/98	Nielson et al.			
	P11	5,786,461	7/28/98	Buchardt et al.			
	P12	5,837,459	11/17/98	Berg et al.			
	P13	5,861,250	1/19/99	Stanley et al.			
	P14	5,864,010	1/26/99	Cook et al.			
	P15	5,874,553	2/23/99	Peyman et al.			
	P16	5,888,733	3/30/99	Hyldig-Nielson et al.			
	P17	5,932,711	8/3/99	Boles et al.			

Examiner Signature	<i>Stanley</i>	Date Considered	1/15/01
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U.S. PATENT DOCUMENTS							
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H	P18	5,972,610	10/26/99	Buchardt <i>et al.</i>			
	P19	5,977,296	11/2/99	Nielson <i>et al.</i>			
	P20	6,004,750	12/21/99	Frank-Kamenetskii <i>et al.</i>			
	P21	6,015,887	1/18/00	Teng			
	P22	6,020,124	2/1/00	Sorenson			
	P23	6,020,126	2/1/00	Carlsson <i>et al.</i>			
	P24	6,025,140	2/15/00	Langel <i>et al.</i>			
	P25	6,025,482	2/15/00	Cook <i>et al.</i>			
	P26	6,045,995	4/4/00	Cummins <i>et al.</i>			
	P27	6,060,242	5/9/00	Nielson <i>et al.</i>			
	P28	6,063,571	5/16/00	Uhlmann <i>et al.</i>			
	P29	6,107,470	8/22/00	Nielson <i>et al.</i>			
	P30	6,110,676	8/26/00	Coull <i>et al.</i>			
	P31	6,110,678	8/29/00	Weisburg <i>et al.</i>			
	P32	6,150,510	11/21/00	Seela <i>et al.</i>			
	P33	6,165,720	12/26/00	Felgner <i>et al.</i>			
	P34	6,180,770	1/30/01	Boles <i>et al.</i>			

Examiner Signature	Don McF.	Date Considered	1/16/04
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							YES	NO
gr	F1	WO 92/002258	2/20/92					
gr	F2	WO 92/20702	11/26/92					
gr	F3	WO 93/10820	6/10/93					
gr	F4	WO 94/22892	10/13/94					
gr	F5	WO 94/24144	10/27/94					
gr	F6	WO 99/14266	3/25/99					
gr	F7	WO 00/56746	9/28/00					
gr	F8	WO 00/56748	9/28/00					
gr	F9	WO 00/56916	9/28/00					
gr	F10	WO 00/56920	9/28/00					
Examiner Signature	<i>Heidi M. [Signature]</i>				Date Considered	1/16/04		



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Examiner Signature	<i>James M. Kelly</i>	Date Considered	
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Examiner Signature	<i>[Signature]</i>	Date Considered	1/16/04
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Examiner Signature	<i>[Signature]</i>	Date Considered	<i>1/10/01</i>
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Examiner Signature	<i>[Signature]</i>	Date Considered	1/16/04
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<i>mi</i>	D64	Sugimoto et al., Comparison of Thermodynamic Stabilities between PNA/DNA Hybrid Duplexes and DNA/DNA Duplexes, Nucleic Acids Symposium Series 42: 93-94 (1999)
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Examiner Signature	<i>Thomas M. G.</i>	Date Considered	<i>1/16/01</i>
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#5

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Docket Number: AM-00102.P.1	Patent Number: 09/805,296	<div style="font-size: 1.5em; transform: rotate(-15deg);">RECEIVED</div> <div style="font-size: 0.8em;">JAN 30 2002</div> <div style="font-size: 0.8em; transform: rotate(-15deg);">TECH CENTER 1600/2900</div>
	Applicant: Efimov et al.		
	Filing Date: March 13, 2001	Group Art Unit: 1651	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLA SS	SUB- CLASS	FILING DATE IF APPROPRIATE
	P1						

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
	F1						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
EXAMINER INITIALS		CITATION
	D1	Efimov et al., Russian Journal of Bioorganic Chemistry 24(9) 618-630 (1998) (Translated from Bioorganicheskaya Khimiya 24(9):696-709 (1998))
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Examiner Signature		Date Considered	12/10/01
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#10

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Docket Number: AM-00102.P.1	Patent Number: 09/805,296
	Applicant: Efimov et al.	
	Filing Date: March 13, 2001	Group Art Unit: 1651 1624

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLA SS	SUB- CLASS	FILING DATE IF APPROPRIATE
	P1						

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							YES	NO
	F1							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
EXAMINER INITIALS		CITATION
Ren	D1	Efimov et al., Russian Journal of Bioorganic Chemistry 24(9) 618-630 (1998) (Translated from Bioorganicheskaya Khimiya 24(9):696-709 (1998))
Ren	D2	Efimov et al., Bioorganicheskaya Khimiya 24(9):696-709 (1998).

Abstract only

Examiner Signature	Sam McIlroy	Date Considered	12/10/02
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#16

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Docket Number: AM-00102.P.1-US	Patent Number: 09/805,296
	Applicant: Efimov et al.	
	Filing Date: March 13, 2001	Group Art Unit: 1651 1624

U.S. PATENT DOCUMENTS


EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
gm	P1	5,760,201	6/2/98	Glazer et al.	536	22.1	
	P2	5,783,687	7/21/98	Glazer et al.	536	26.6	
	P3	6,054,272	4/25/00	Glazer et al.	435	6	
	P4	6,180,767	1/30/01	Wickstrom et al.	536	22.1	
	P5	6,232,066	5/15/01	Felder et al.	435	6	
	P6	6,280,946	8/28/01	Hyldig-Nielsen et al.	435	6	
	P7	6,312,956	11/6/01	Lane	435	455	
	P8	6,326,479	12/4/01	Gildea et al.	536	23.1	

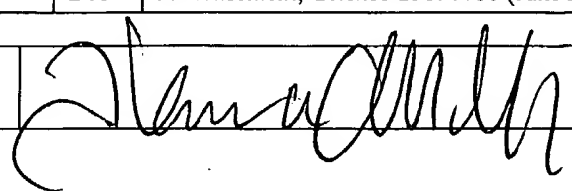
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							YES	NO
gm	F1	WO 99/60156	11/25/99	Abstract				X
gm	F2	WO 00/34521	6/15/00					
gm	F3	WO 01/01144	1/4/01					
gm	F4	WO 01/38565	5/31/01					
gm	F5	WO 01/68673	9/20/01					

Examiner Signature	Thomas M. M. M.	Date Considered	4/2/02
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Examiner Signature		Date Considered	7/2/03
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